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ASMEX.333A

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|           |   |                           |   |
|-----------|---|---------------------------|---|
| Applicant | : | Todd, et al.              | ) |
|           |   |                           | ) |
| App. No.  | : | 10/074,564                | ) |
|           |   |                           | ) |
| Filed     | : | February 11, 2002         | ) |
|           |   |                           | ) |
| For       | : | THIN FILMS AND METHODS OF | ) |
|           |   | MAKING THEM (as amended)  | ) |
|           |   |                           | ) |
| Examiner  | : | Unknown                   | ) |

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCAION AND POWER OF ATTORNEY

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, and Todd Westersund, Reg. No. 45,739, ASM America, Inc., 3440 East University Drive, Phoenix, AZ 85034, as its attorneys with full power of

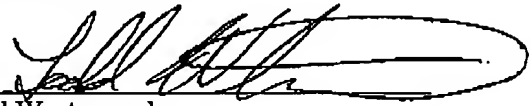
App. No. : 10/074,564  
Filed : February 11, 2002

substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

ASM AMERICA, INC.

Dated: June 13, 2002

By:   
Todd Westersund  
Intellectual Property Officer  
3440 East University Drive  
Phoenix, AZ 85034-7200

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040902

Application No.: 10/074,564  
Filing Date: February 11, 2002

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## ASSIGNMENT

WHEREAS, We, Michael A. Todd, a United States citizen, residing at 7041 N. 14th Place, Phoenix, AZ 85020, and Ivo Raaijmakers, a Dutch citizen of the Netherlands, residing at Soestdijkseweg 389, Bilthoven 3723 HD, Netherlands, have invented certain new and useful improvements in a THIN FILMS AND METHODS OF MAKING THEM (as amended) for which we have filed an application for Letters Patent in the United States, 10/074,564, February 11, 2002;

AND WHEREAS, ASM AMERICA, INC. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 3440 E. University Drive, Phoenix, AZ 85034-7200, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22<sup>nd</sup> day of April, 2002.

Michael A. Todd  
Michael A. Todd

STATE OF Arizona

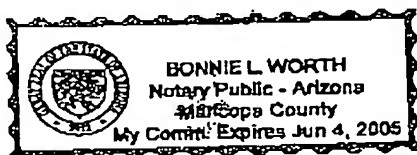
COUNTY OF Maricopa

ss.

On April 22, 2002, before me, Bonnie L. Worth, Notary Public, personally appeared Michael A. Todd personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



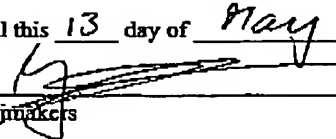
Bonnie L. Worth  
Notary Signature

(continued on page 2)

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of May, 2002

  
Ivo Raaijmakers

STATE OF  
COUNTY OF

]

ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Ivo Raaijmakers personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

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040902



Seen by me, Hajo Bart Hendrik Kraak, civil-law notary in Amsterdam, The Netherlands, for the legalization of the signature of Mr. I.J.M.M. Raaijmakers, holder of a Dutch Passport with number M01731363.

Amsterdam, 15 May 2002.

